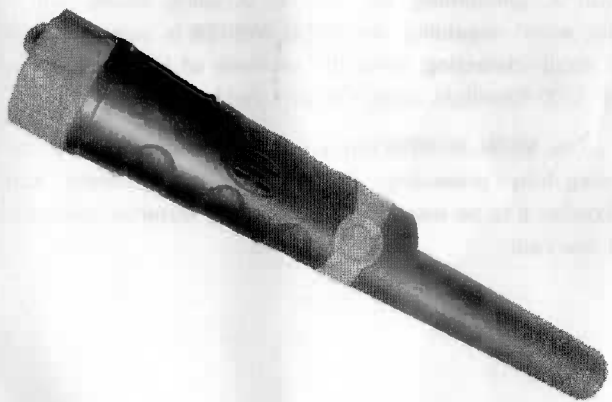
Waterproof

METAL DETECTOR

Owner's Manual



Manufacturer: Shenzhen Pinpoint Technology Co,Ltd.

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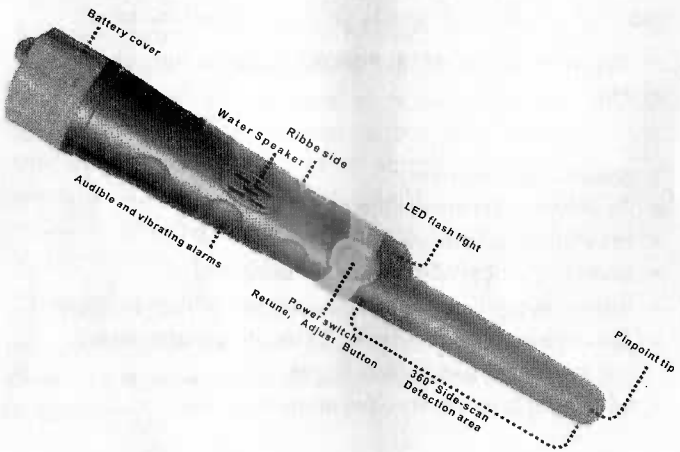
District Shenzhen, Guangdong, China.

COMPONENTS



③ Hand-Held Pinpointer

COMPONENTSAND FUNCTIONS

Power Switch---To switch the detector on, press and release the power button while holding the **METAL POINTER** away from metallic objects. The white LED will illuminate and two brief audio beeps will occur, indicating the **METAL POINTER** is ready for use.

Changing Settings--The METAL POINTER has 3 detection settings:Audio+ Vibrate or Vibrate- only (silent) or Audio- only.
Press button to selecting mode.
repeatedly press the button to cycle through the settings.
* Vibrate only.
* Audio-only.
*Audio + Vibrate.

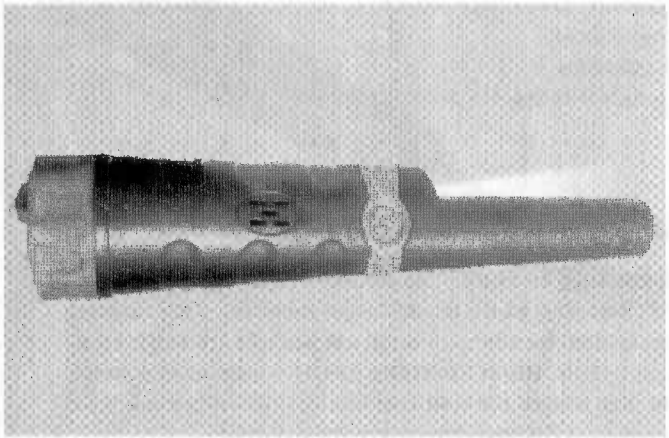
This unique **METAL POINTER** feature helps the user determine the precise location of the target.

Scraping Blade— The **METAL POINTER** also includes a 3.75" scraping blade to aid target recovery. This rugged edge is ideal for sifting through dirt while searching for the target. The **METAL POINTER**'s 360°- side-scan metal detection allows the detector to alarm when the blade is passed in close proximity to a metallic target.

④ Hand-Held Pinpointer

LED Light—The white LED (located next to the Power Switch) will remain illuminated while the unit is on, providing power-on indication.

Audible Low Battery Alert—The battery The **METAL POINTER**'s LED light helps illuminate targets in low light.

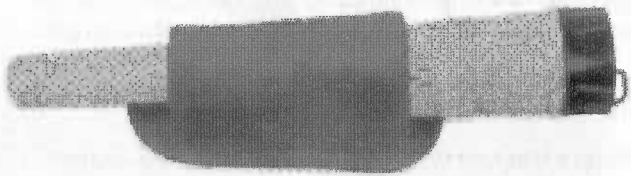


⑤ Hand-Held Pinpointer

condition of the **METAL POINTER** is monitored continually. When the battery becomes low, the detector will sound an alternating dual-tone alarm. This sound indicates that the detector's 9V battery should be replaced as soon as possible.

Battery Cover—This cover makes changing the single 9V battery quick and easy. No tools are required. Simply rotate the battery cover counterclockwise to remove and clockwise to tighten by hand. Battery contacts are keyed to avoid improper installation of the 9V battery.

Holster—The convenient holster helps secure the to any standard size belt.



⑥ Hand-Held Pinpointer

OPERATING INSTRUCTIONS

Switch the detector on by pressing the power button while holding the detector away from any metallic objects. To avoid cancelling out the target, do not turn on the **METAL POINTER** while it is adjacent to the target.

The white LED Light will illuminate when the **METAL POINTER** is on and this light will remain on until the power button is pressed again to switch off the unit. This mini flashlight feature is useful when operating in low light situations.

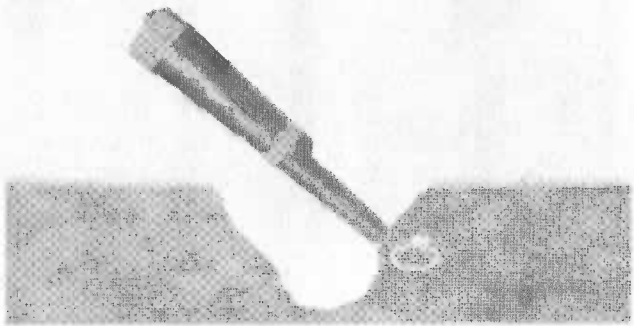
The **METAL POINTER** is a non-motion, all-metal detector. This enables you to remain stationary over a target with continuous audio and vibration response. As the **METAL POINTER** is moved in closer proximity to a metallic target, the rate of pulsing audio and vibrations increase proportionally—allowing precise pinpointing of the target.

Operation is completely automatic. All metals will be detected including ferrous and non-ferrous.

Basic Recovery Method: Once you have located a target with your ground search metal detector, dig the recovery hole or remove the plug of earth.

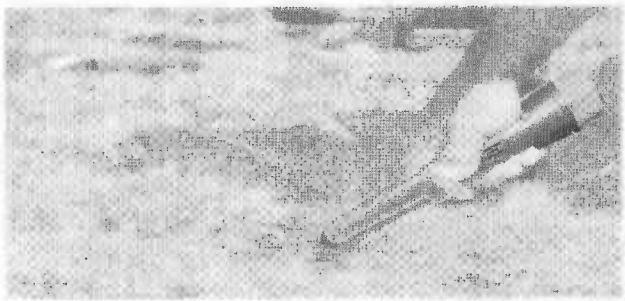
You should then use the **METAL POINTER** to precisely locate your metallic target.

First, scan over the earth plug or dirt pile to see if your target has already been unearthed in the soil you removed or turned over. If the **METAL POINTER** dose not signal a target, you should next scan inside the hole, pointing the tip of the **METAL POINTER** toward the side walls of the hole. As you move the tip of the **METAL POINTER** closer to the target object, the detector's vibrations and audible beeps will steadily increase.

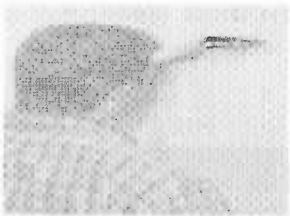


If you do not receive a response from inside the hole or the soil/plug that was removed, the object is likely deeper in the ground or deep inside the plug— beyond pinpointing range. Sweep with your ground search detector again to confirm where the object is.

Side-Scan Recovery: One of the key features of the **METAL POINTER** detector is its side-scan detection ability. This feature allows you to quickly search a large area. Hold the **METAL POINTER** on its side, flat against the ground and quickly scan back and forth. Once the general location of the target is known, use the tip of the **METAL POINTER** to precisely locate the target. In addition, you can use the scraping blade to rake, scrape or flatten the soil while side-scanning.

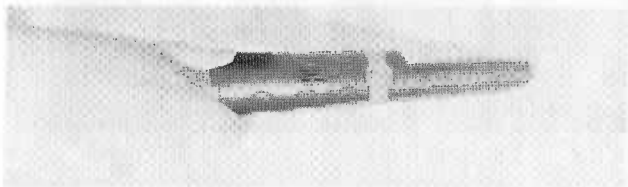


Wall Searches: The **METAL POINTER**'s static mode makes it an excellent utility locator to find metal studs and pipes in walls or nails in the drywall. Use the side-scan technique to quickly cover large areas and use the pinpointing tip to precisely locate the target.



(Left) For wall scanning with a **METAL POINTER** use the side -scan technique to quickly cover iarge areas.

(Below) To precisely locate a metal target, use the **METAL POINTER**'s pinpointing tip.



Pinpointing Large Objects: When locating large metal objects—whether in the ground or in a wall—you can improve the pinpointing capability by "detuning" the **METAL POINTER** in order to narrow the detection field, as follows.

Slowly scan towards the object until the detector's response increases to the full/constant alarm. Then, without moving the detector, switch the power off and then back on again in order to cancel out the target and narrow the detection field. Now continue scanning towards the object to find its precise location. Repeat the power off/on cycle to further narrow the detection field as needed.

After you have finished, you can return the **METAL POINTER** to its normal detection field by simply switching the power off and back on while holding it away from all metal.

BATTERY REPLACEMENT

The **METAL POINTER**'s battery condition is continually monitored automatically. When the battery is becoming low, the detector will sound an alternating dual-tone alarm. Replace the 9V battery as soon as possible by unscrewing the battery cover and tilting the detector so the battery slides out. Replace with a new 9V battery and hand-tighten the battery cover

The battery compartment is keyed to only accept battery contact in the proper position. If a 9V battery is improperly installed, no circuitry damage will occur. However, it is important to observe the polarity of the battery and the **METAL POINTER** battery compartment to ensure operation. Never force the cover to close.

Remove the battery when the **METAL POINTER** is to be stored for more than 30 days.

Note:

Do not affix metallic labels (or any material that might cause the detector to alarm) to the detection area of the **METAL POINTER** . Doing so might cause an imbalance with in the detection field and thereby reduce scanning effectiveness.

If you don't turn off, after one minute static the MD970 pinpointer will give Di Di Di Di alarm, it will turn off by automatically to saving power effect.

If your battery low power, the led light will flashing and continue give false alarm , you should change a new battery.

SPECIFICATIONS

Model Number:	MD970
Operating Temperatures:	-35°F (-37°C) to 158°F(70°C)
Operating Frequency:	12 kHz
Water and Dust:	Meets IEC 60529 IP 68 standards
Tuning:	Automatic
Indicators:	Proportional audio / vibration pulse rate
Controls:	Power switch
Dimensions:	Length: 9" (22,9 cm) Thickness: 1.5" (3.8 cm) tapered to .875" (2.2 cm)
Weight:	6oz. (0.15 kg,)
Battery:	Single 9V (not included)
Battery Life:	Carbon: 16 hours Alkaline: 30 hours Rechargeable: 8 hours